

## **AMERICAN SOLAR ENERGY SOCIETY SMALL WIND DIVISION WEBINAR**

**May 6, 2010**

Coordinator: Good afternoon and thank you for standing by. At this time, all participants will be in a listen-only mode. There will be opportunities to ask questions during today's call. To ask a question at that time, please press star then 1.

Today's conference is being recorded. If you have any objections, you may wish to disconnect at this time. I'll now turn the meeting over to Ms. Karin Sinclair. Ms. Sinclair, you may begin.

Karin Sinclair: Okay, thank you. So this is Karin Sinclair, I work at the National Renewable Energy Laboratory in the Wind Program. And I'm co-chair of the American Solar Energy Society's Small Wind Vision. And I wanted to thank everybody for participating in today's Webinar.

This is part of a series of Webinars that we've been putting on through the Small Wind Technical Division. And we're trying to provide information that are of interest to our Small Wind Division members.

We're holding these Webinars on a bi-monthly basis. So at this point, we have two more scheduled, including one on July 13th covering the Small Wind Certification Council and another one on September 2nd discussing the Wind Power American Wind for Schools Program. We have one more slot available in 2010 on November 4th and the topic is to be determined. And so as I mentioned, these Webinars are put on to satisfy the interest of our members.

So if you have any interest - if you're interested in a particular topic, please get those suggestions to me. We will be making a decision the week of May

17th at the Solar 2010 Conference on our final Webinar topic. So I encourage anybody has a topic they're interested in to get that to me as soon as possible.

As we heard, the Webinar is being recorded and will be transcribed and will be posted on the Wind Power America Web page probably next week. And there's a link here on this slide for your information.

I'm also encouraging anybody who is not currently a member of the ASES Small Wind Division to become a member. Professional membership is \$89. And as you can see on the slide here, if you do join, we would ask you to select (unintelligible) as under the pull down menu of where did you hear about this.

Trudy Forsyth, probably a lot of you know her, she's the co-chair of the Small Wind Division and represents our division on the ASES board of directors. And by selecting her name on the pull down menu, that - you're membership will contribute to meeting fundraising needs for our division to ASES. So I just want to thank you ahead of time for anybody who joins.

So to get to the Webinar, today's Webinar features Amanda Vanega from the North Carolina Solar Center. And she will be discussing the Database of State Incentives for Renewables and Efficiency, which is commonly known as DSIRE. The state policies and incentives are constantly being adopted and modified across the country and DSIRE is an excellent resource with which to track these policies and incentives.

So I'd like to thank Amanda for agreeing to put on this Webinar for us today. And by way of introduction, she is the project coordinator for this project. And she's worked on DSIRE since 2008 and she researches state, local and

utility incentives and policies that enable the development of renewable energy and energy efficiency.

And she also fills requests for information and provides technical assistance on a wide range of topics related to renewable energy incentives and markets. So she received her Master's of Environmental Management from the Nicholas School of the Environment at Duke University as well as Bachelor's Degree from Indiana University.

And she's also spent time doing as an environmental education specialist with the Peace Corp and other non-profit organizations. So to reiterate through this - throughout this Webinar, we have stopping points to encourage questions. And we request that your questions be specific to the DSIRE, generally speaking and as opposed to location specific questions. And if you have location specific questions, Amanda will be happy to work with you offline on this. So at this point, I'll turn it over to Amanda.

Amanda Vanega: Thank you so much, Karin and thanks to the Small Wind Division of ASES for inviting me to present today. I really appreciate the opportunity and will just get going here.

So just to - that work - yes. Okay, today's goals, we're going to have an overview of DSIRE, just some general information about the project. And then I'm also going to give an overview of the small wind incentives in DSIRE, sort of from a, you know, whole United States perspective. To give an idea that there's a lot of information out there, there's a lot of incentives out there. And just to give you a feel for what you might be able to find on DSIRE once we head up to the live demo of how to use DSIRE.

So I'm actually going to take you, walk you through the Web site and we're going to do a couple of searches and we're going to actually find some incentives just to reiterate how to use it. The Web site is designed to be user-friendly and intuitive. But nonetheless, there is a lot of information in there. So I'm going to try to show you some of the tricks and tips so that you can find what you're looking for quickly.

And then we're also going to go over some small wind updates, some emerging policies and incentives and trends and news. And I just want to say, we could spend the entire time on emerging policies, incentives and trends. We could probably spend seven hours talking about that.

So this is really broad brush and overview information. And like Karin said and the operator said, we'll have some questions at pre-determined stopping points. So feel free to join in with questions.

So DSIRE was actually created about 15 years ago by the Solar Center here at North Carolina State University. We're funded by the United States Department of Energy and administered through NREL, the National Renewable Energy Laboratory.

The project we currently have, well, as of last week when I did the number checking, we had 2,392 records of renewable energy and energy efficiency financial incentives and regulatory policies. I know, because we've been updating, that we actually have more than that now. So my number is already out-of-date.

We include federal, state, local and utility incentives and policies and we have over 250,000 users bought. I just want to - oops - highlight the fact that that's a lot of records in this database. And again, this - the point of this Webinar is

to help you get through those records quickly to help you find what you want to find.

A little bit more on the content, we include all state level incentives and policies. So anything enacted by legislation or through regulations or actual state run programs, we include all of those, including the territories in D.C. So if you're in Puerto Rico, you can find out about incentives in your - in Puerto Rico from the database as well.

So there's over 900 state incentives and policies. We include all federal incentives and policies related to renewable energy and energy efficiency and there's a lot less of those. But nonetheless, we include them all. There's 24 of those.

We include most utility incentives. Right now, we have about 1,200 and that list keeps growing as more and more utilities are developing programs not only for renewable energy but for energy efficiency. As most of you know, this is a very important topic and more and more companies and more and more people are interested in wanting support as they make investments to improve efficiency and to go through renewable energy.

So we - over 1,200 utility incentives now and that list keeps growing. As a rule of thumb, we don't tend to include very small utilities or with less than 30,000 customers. But we will on a case-by-case basis.

We also have examples of local policies and incentives. Again, just given the scope of this country and the number of municipalities out there, it's impossible for us to get every single incentive into the database. But we will include examples of incentives or policies for large jurisdictions. Or if the,

you know, if someone from that city contacts us and asks us please include this, we will consider that inclusion as well.

And those are also growing as more and more jurisdictions get involved in supporting renewable energy and energy efficiency. What's not found in DSIRE, it's kind of odd to talk about what we don't include but I'm going to highlight it here because sometimes it creates a little bit of confusion. We don't include private foundation grant opportunities, for the most part, research development, commercialization, demonstration projects or one-time grants or RFPs.

So sometimes people will contact us and say, hey, why isn't this in here? Well, maybe it was, you know, an opportunity to apply for a grant but the opportunity was open for one month, say, or you know, it's going to be open for two months but never offered again. So those are the types of incentives that we don't include because they're really not trackable. It's sort of if we happen upon them, it might already be, you know, the closing date.

All right, so here's a little bit more on the concept overall. We have both financial and regulatory - financial and regulatory policies. We can see this is our laundry list of them. I'm not going to read them, you can see for yourself. But I do want to point out - and I'm assuming that everyone on this call is obviously interested in small wind. Some of you are probably small wind installers or educators.

So what is interesting to you for small wind? And I decided that these probably are the most important incentives and policies for small wind installers and advocates and the like. And for installers in particular, what incentives matter to your customers? You know, if you're actually going to install systems, what are your customers going to care about and what do you

really need to understand because you're the one conveying the information to the customers.

So what matters to the customers, I kind of determined that money matters. Cash is king as they say, right? So here are the ones I'm going to highlight a little bit right now before we start into the demo. What really matters to my customers? It's all about the money.

So rebates; in the database, we include 44 rebates in 24 states that are relevant to small wind. We include 31 grants in 18 states that are relevant to small wind. The production-based incentives, that's sort of a catch-all category. Basically if the incentive is pegged to production, it's a production-based incentive and if it's based on capacity, it's more like an upfront grant or rebate.

So all those are cash incentives. And then we also include information on the incoming tax credit exemption and deduction. So after cash, income tax incentives seem to be the most popular among small wind folks.

And then also metering is really important to do as an installer and to your customers. Because even though we categorize it as a regulatory policy - and in fact, there's lots of, you know, legislation and regulatory rulings on that metering, it in fact impacts the pocketbook, the bottom line. So it's regulatory but with financial implications. And there are 45 net metering policies in DSIRE that are relevant to small wind.

I just wanted to give an overview of the cash incentives on a map, so people can sort of say, hey, are there cash incentives in my space? As you can see, this map is very busy and kind of crazy and maybe hard to understand. I guess

that's the point; it's because there's a lot out there and there's a lot to get through to actually, you know, benefit from an incentive.

But a couple of things I want to highlight in this map. You notice that New Jersey, Massachusetts, Wisconsin and Arkansas are dark, dark red. And they are technically state rebates, they offer state rebates but they're production based rebates. And I just wanted to highlight Arkansas, they are using some funding from the American Recovery and Reinvestment Act for their rebate. But it's designed in such a way that you have to record your production and that's how you're going to get your rebate paid back to you.

So it's not an up-front rebate; it's based on actual production of the system. And that just rolled out about a month or so ago and I thought that was an innovative design. So there's four states that do that.

Then I also wanted to highlight that Colorado, Utah, Wyoming, Puerto Rico - and then I just said Arkansas - they also are using American Recovery Reinvestment Act for their rebate programs.

And finally, I wanted to highlight Maine, Vermont and California because they have both rebates and production-based incentives. In those cases, you pretty much have to choose one or the other, you can't get both, the rebate and the production-based incentive in those three states.

The last thing I want to highlight on this map and - are the red states, you know, just the states where they have a state rebate. Sometimes people get confused because we say state rebate or it appears that it's a state rebate so people think, oh, this is available to absolutely everyone in the state. That is a little bit of a misconception because a lot of these programs are funded through rate payer funds. So the rebates would be available to the rate payers.



So if your utility doesn't charge you, maybe it's a municipal utility and they don't charge you that fee, that rate-based fee for a public benefits fund, you might not actually be eligible for the state rebate. And that's not the case in every state but that is a point of confusion for some people. So I guess the point there is, you just always have to make sure that you're eligible and it usually relates to who's your utility.

All right, so moving on. So there are cash incentives in 40 states, Puerto Rico, US Virgin Islands and D.C. for small wind. So this is a small wind specific map. I also want to highlight that metering, again, I mentioned this earlier. I think most of you probably are familiar with what net metering is. But just to remind folks it is - net metering allows for the flow of electricity to and from the customer. So if a customer has a small wind turbine and they produce more than they use, they (unintelligible) under net metering get a credit.

And if you produce less than you use, well then, you just pull from the grid the remaining amount of electricity that you need and you owe the utility money, minus any credits that you might have accumulated. In general, that's how it works.

So as you can see, there's lots of states with statewide policy on net metering. And there's a lot going on in this map as well. I just want to highlight again, like the rebate program, even though net metering is a state policy in many states, it only applies to certain utilities, usually only the investor-owned utilities.

So the utilities such as municipal utilities or co-ops may not fall under this - the statewide net metering policy. What does that mean? Well, it means that they might offer net metering but they might offer different terms or it might

be a case-by-case basis when a customer asks for net metering and it's like a negotiated process.

The point of net metering policies is to eliminate that negotiation and have a standard so that people know what to expect from their utility, there's a standard, you know, (unintelligible) process for folks to go ahead and sign up for net metering.

So you know, user beware on this map. The net metering limits listed here or the net metering standard might not apply to absolutely every single utility in that state. Nonetheless, we think that net metering standards obviously are a good thing and it's refreshing to see, you know, so many states have net metering and a lot of states are working to improve the net metering that they have.

And the last map that I wanted to highlight is the tax credits for small wind. This is just an overview of where folks can apply for tax credits for their small wind installations. You know, there's only - Massachusetts is the only state that limits it to personal and a couple of other states only have corporate. You know, for a state like Florida, that makes sense, since there is no personal income tax. And then there's just many states that offer both a personal and a corporate.

And again, what the tax credit looks like is very, very state specific and that's why I'm not going over those details now. I just wanted to highlight which states have tax credits for small wind.

And another overview before we get to our demo, just the mention of the federal incentives. On events of small wind, there are income tax credits, 30% of being sold cost. Then also there is a federal treasury grant in lieu of tax

credit. This is a cash grant for - mostly under the same rules as the 30% tax credit. And it's for business or commercial entities, not available for residential installations or, you know, personal use.

I looked up to see how many folks have taken advantage of this grant in lieu of tax credit because it's something that folks choose. If you still want the tax credit, you can get it. But you are - you can also apply for the grant instead of the tax credit.

So anyway, I looked that up last week and I thought it was interesting that over \$600,000 has gone out for small wind installation in 14 states. And they classify small wind I believe as up to and including 100KW, which is, you know, what most people think of when they talk of small wind.

Also another incentive for businesses or commercial entities is the modified accelerated cost recovery system. This is, you know, for businesses who depreciate equipment, this is an important incentive. It's just on a modified scale so it's a good, I guess, icing on the cake after you take the 30% tax credit.

And then as I mentioned a couple of times, the American Recovery and Reinvestment Act, this was passed in February of 2009. And you know, we're still seeing new programs rolling out that are actually funded through ARRA as we call it, or American Recovery and Reinvestment Act. A lot of local jurisdictions are now creating programs and spending money that they've received through this federal legislation.

How many opportunities are there for small wind? Well, I kind of highlighted in the previous map some of the small wind incentives that are a direct result of ARRA. But the local - again, the local opportunities, they might be there,

we don't know, we don't have a comprehensive list of all potential logo opportunities. So I wanted to highlight that.

Okay, so we can pause for questions. So for the operator, I would be open to taking questions at this point of this high-flying overview, if there are any. And if not, we can start our demo.

Coordinator: Thank you. We will now begin the question and answer session. If you would like to ask a question, please press star then 1. Please unmute your phone and record your name clearly when prompted. Your name is required to introduce your question. To withdraw your request, press star then 2.

Once again, to ask your question, please press star then 1. One moment please while we pause to see if there are any questions at this time. Press star then 1 if you do have a question; we'll still waiting for the first question. One moment, we do have a question.

We do have a question, it comes from (Heather). Your line is open.

(Heather): Hi there, Amanda. Back on your slide on net metering, I noticed some of the states had more than one capacity number, like, for example, Oregon, the 25/2000. And in Colorado, there's a little comment. And could you explain what that means a little bit? And then I also had a second question, just if you could repeat the states that had programs tied to ARRA money.

Amanda Vanega: Sure, (Heather), thanks for your questions. Yeah, so, this net metering map, it has the capacity limits. And as (Heather) pointed out, Oregon and a bunch of other ones have several different capacity limits. Usually what that indicates is that, for example, in Oregon, the 25 means that for residential installation is up to 25 kilowatts. But for commercial installation, it could be up to 2,000.

So it's just different limits based on the sector or, you know, if it's residential or commercial. And I can't remember the details exactly, for example, for Massachusetts. I think Massachusetts may have another tier for maybe a non-profit. But we can look at DSIRE to double-check those details.

But this map again is just meant to give a broad brush. And for those specific details, we should look at the actual record for what specifically those categorizations mean.

And then your second question was which states have used ARRA money for rebates? I'll go back to the rebates page. And they include Colorado, Utah, Wyoming, Puerto Rico and Arkansas. And those for rebates; that's not to say that ARRA money hasn't been used, you know, for grants or for other - I guess grants would be the other cash coming out of there - or loans. You know, there may be grants or loans that have either come out and small wind has been available or small wind has been eligible - excuse me.

And for loans, there may be loan programs opening up that have been funded using ARRA money that potentially small wind could be eligible for those as well. Does that answer your question?

(Heather): Mm-hmm.

Coordinator: Our next question comes from (Tom Flaherty), your line is open.

(Tom Flaherty): Hi, I just typed in a question, it's gone off in the beyond on the Internet but I think I can recall it pretty well. And I'm a small electrical contractor and I'm dying for work. So my idea is to force the codes - the building codes to incorporate minimum requirements in their standards. They usually do but this

time with solar wind and thermal, that type of thing. So can you give me any advice, what you - do you have any feedback on that as to how to lobby them? Is there any information that might be concise and, you know, strong enough to persuade some of these legislators?

Amanda Vanega: So regarding building codes, I assume that you mean more of on a local level because building codes - well, there's state building codes but then there's also local ordinances or local levels?

(Tom Flaherty): Well, in Massachusetts, we have uniform state codes, so it's nice. We have one code and that's it and there's been no -there is law to allow variance but there's never been any. So pretty much we're on a uniform basis throughout the state.

Amanda Vanega: As far as advice on lobbying, we don't do any lobbying here. We just, you know, we are providing a service and provide education on existing policies and incentives. So I guess what I could recommend you do is look toward the organizations that do in fact do that type of work or advocacy work. And yeah, I guess that's my best advice at this point.

(Tom Flaherty): Yeah, I think - I'm not really so much for lobbying, I was looking for, you know, I would personally be interested in twisting arms. But what I'm looking for is maybe something that's been done prior that's concise and the wording is, you know...

Amanda Vanega: Right. Well, in DSIRE, we do have building code records. So I'm not sure which state - if you mentioned your state or not. But you can look - you can do a search and I can show you - again, we're going to do a demo in a second. You can do a search on that policy and then you can go through all of the other state's building codes and see which ones have the provisions that, you

know, are applicable to your situation and you think are the ones that should be moving forward.

There's also the Building Codes Assistant Project and they also do education and information on specifically building codes. So they would also...

(Tom Flaherty): Great, I'll pay attention.

Amanda Vanega: You actually use a lot of their information, we share information with them. So I just wanted to point that out.

(Tom Flaherty): Thank you.

Amanda Vanega: All right, great.

Coordinator: Our next question comes from (Scott Holmes), your line is open.

(Scott Holmes): Hi, I was just curious with the accelerated cost recovery; is it just the bonus depreciation that expired in 2009 or what's the status of that right now?

Amanda Vanega: Right. I was actually going to make a joke that let's pause for questions but I'm not talking about the modified accelerated depreciation. The bonus depreciation, there was an additional bonus and you're right, that is expired. But the overall depreciation schedule, it's still - it's not bonus, it's just slightly accelerated rather than, you know, what you might normally depreciate your equipment. And I can't get into specifics on that right now because that is not one of the policies that I tend to focus on. But the bonus part of (unintelligible) or the modified accelerated depreciation is over and there was discussion of extending that but it has not yet been extended.

(Scott Holmes): Okay, thank you.

Coordinator: Once again, if you have a question at this time, please press star then 1. We'll pause to see if there are any further questions. I show no questions.

Amanda Vanega: Great. All right, well then we will move on. Just to recap the content, there are over 2,000 records in total, there are over 650 records related to wind and there are 565 records at last count that are applicable to small wind.

Coordinator: Ma'am, I'm sorry to interrupt, we do have another question. One moment. (Unintelligible), your line is open.

Man: Hi, you had mentioned that the Maine, Vermont and California incentives were a choice, if I understand correctly, between either PBI or the state rebate. Is that true for the federal incentives as well and can you take advantage of both the PBI and the tax credit?

Amanda Vanega: The federal production-based incentive is - it's one or other. It's called the production tax credit is the PTC.

Man: Yes.

Amanda Vanega: So if you take that, then you're not eligible for the ITC and you're not eligible for the grant. But if you want the grant, you have to forgo the other two.

Man: How do you base that, how do you judge that? Is it strictly on the cost system versus what you expect your production to be over the life of this system?

Amanda Vanega: You mean, how do you, as the business, make that determination?



Man: Exactly, evaluate that comparison.

Amanda Vanega: It is, I mean, you do need to work out the financials. And you know, if you - you have to - it's a modeling - not totally modeling but you do have to work out the financials to see which one would make the most sense in your specific case.

And there's some free tools out there that can help you do that. But to be honest, most people probably tell you to get some tax advice on that.

Man: Okay.

Amanda Vanega: To get some predictions and, you know, scenarios of what - which one would be better. There's one publication recently, I want to say in the last year or so, that from the Lawrence Berkley National Laboratory. And I can send the link after the Web site. It actually did do a - well, which one do I choose, which one's better? Do I take the PTC, the ITC - which is the investment tax credit - or the grant in lieu of tax credit?

And so they ran some scenarios and they came up with, like, when it's usually better to take the PTC and when it's usually better to go ahead and take the grant. And you know, they do things about, well, their financial modeling in there. So I can provide a link to that paper if that - if you think that would be of help.

Man: That would definitely be helpful. In fact, I said to my customers that they should pursue that conversation with their accountants.

Amanda Vanega: Right.

Man: But is there - that's obviously asking a lot of accountants as well. Is there - well, certainly the Berkley lab would be a good national resource. Is there a way of identifying specialists within our state or locality that may be familiar with all of these incentives?

Amanda Vanega: Well, again, I think because it's a tax issue and it's - every case is different, I can tell you that most, you know, organizations like ours and even some of the labs will tell you it's best to get tax advice. Because when making tax decisions, you know, I'm not an accountant, so I can't really - I cannot give tax advice. I can give general guidance and education on the topic. But when it comes down to making a binding financial decision, it really is, you know, advisable to - for them, as the customer if they want the quote/unquote right answer, to go back to their accountant.

Man: Okay.

Amanda Vanega: If they are not that interested in going to their accountant because that is also a cost to them, you know, then some of the calculations that you might be able to do for them or, you know, point them to the study, for example, it might be enough for them and they understand the risk of making a decision without consulting, for example.

Man: Well, I guess that's part of it, is that I want to put as many resources...

Amanda Vanega: Right.

Man: AS I can into their - both the customer's hands and the accountant's hands. So that would be very helpful, thank you.

Amanda Vanega: Okay, great, thank you.

Coordinator: Ms. Venaga, please proceed.

Amanda Vanega: Okay, let me get back to where I was. Okay, so here we go. So basically - I'll go back. I wanted to say there was lots of incentives here but have no fear, don't yell at your computer, help is near; [www.dsireusa.org](http://www.dsireusa.org) is friendly user - user-friendly. There is two options for finding incentives on the database. One, you can select the states and then browse. Or two, you can use the Search function to reduce browsing.

I would like to point out that regardless of what you do, make sure you read the entry and link to program Web site and application materials. And this seems obvious - and I'm sure for a lot of you who do use DSIRE, you do read what we have put in there and, you know, all to the links. But there are situations where people, they just want an easy answer and it usually is not an easy answer. So that's why I encourage people to read before contacting program administrators or before contacting. Because a lot of times the question - the answers are quite - the questions are answered within the entry.

Okay, so how about a demonstration - let's go. User site - okay, great. So now we're on Live, our Web site here, the [www.dsireusa.org](http://www.dsireusa.org) Web site. This is our home page and the United States does not fit in the page here, so it - you do have to scroll down. That's not just the Web site or my computer, I think that's just how it is on everybody's.

I just wanted to point out some features here; this is the home page, the glossary. We have the definitions to the financial incentives included in the database and we have the definitions to the rules, regulations and policies as well here. So if your customers are confused about net metering, for example,

and maybe explained to them a lot, you can point them to this definition, for example.

Woman: Amanda, it's not going to your desktop. You have to click on that part on the content, on the bottom.

Amanda Vanega: Thank you.

Woman: You're welcome, thank you.

Amanda Vanega: I thought I was toggling. Can you see this now?

Woman: Yes, that's working.

Amanda Vanega: Great, thank you. All right, I'll go back to the home page. Sorry about that, folks. Here's our home page and I just mentioned the glossary. We also have links to a bunch of different things and actually to answer the individual's question, I thought we had a link to the Lawrence Berkley lab in here. Yes, we do - so the energy publication. So that publication I was mentioning would be found in that link. I will provide a direct link after the Webinar but you can also link from our Web site to it and see all of their energy publications. And then that was one of the publications they had.

The national organizations, again, this is (unintelligible) education and non-for-profit organizations. We do not link to companies at this time. FAQs, we also include some of our most frequently asked questions a lot of times, questions about the database itself rather than specific questions about incentives. But again, this is a nice place just to check out if you're getting confused or needing some help on using the database.

Then we also have contacts. We love to hear from our users, so please feel free to contact us. I'll provide my direct contact information but you can also contact us through this page, either directly through an email here or you can fill out the form and contact us this way. Okay - and then more information about us. Again, this is kind of what we presented at the beginning of the Webinar, so I won't go through it again.

So let's go back to the Web - to the home page and we can start looking for incentives. I want to point here, this is a handy feature. You can choose one or both of the databases. Today, I want to get rid of energy efficiency; not because it's not important and it should be the first thing people do. But because it does clutter up the search if you're not looking for incentives related to energy efficiency.

So we're going to focus on renewable energy. And sometimes you might want to just double check that you are in fact on the renewable energy database. Because if you move around a lot and hit the Back button, sometimes it reselects the default, which is both databases.

Now let's say you want to know what the incentives are in Illinois. You just click on the state and you will get all the incentives related to renewable energy in Illinois applicable through renewable energy here.

The way this is set up, again, this is some reminder information you're that you're looking at Illinois. It does not come up with the federal incentives to begin with. So if you actually said, oh, whoops, I want to see the federal incentives, you can click here. If you want to see all the summaries and we'll go ahead and do that right now, we'll go ahead and now all that list that you just saw previously, every single summary is included here. That's not how I like to search for things because I think that's too much information. And you

can glean a lot of information from the titles of the incentives themselves. So I encourage people to wait, don't look at all the summaries if this is your first time visiting DSIRE because it'll be too much.

But go ahead and look at the actual names of the incentives. And this feature too, if you know you're only working with, you know, residential customers, you can limit your search here to see residential only. Right now, we're just going to leave it as it is. And you can just, again, these are organized to the incentive types, so this is the incentive title, the green building incentive and then this is the actual incentive.

So in Illinois case, this is available to only Chicago and it's a green permit program. If you're not in Chicago, you don't have to do anything else, you don't have to continue to look at this incentive, you can move on. Like, let's say, you want only incentives for small wind in a different part of the state, so you move on.

Again, here's another Chicago thing. You're not in Chicago, you can move on. This (unintelligible) program, this one looks interesting; you may want to look to see if your specific situation would be eligible for funding through this program. So I'm going to go ahead and click on this, just to show you what a record looks like.

Okay, so this record, a couple of things to highlight; here's the name, the last DSIRE review. That's important to check out as well because while we try our very best to keep these records up-to-date, you know, to the minute, inevitably things change and sometimes we do not find out about it immediately.

So we definitely review records within a 12-month time period. So just note that if you're here or if you're looking at it with a customer or if you're going

to rely on this to say, okay, can I get this grant. Look at that date to make sure it's as up-to-date as you're comfortable with in making decision. And if it's out-of-date and you notice it, you can let us know and we'll update it on the spot. So we appreciate when people give us feedback.

Program overview; so this section is a detailed section which, again, you can read first and it will give you some very specific information to help make your determination, is this incentive applicable to my situation. It's Illinois, we already knew we wanted that. There's some eligible efficiency technologies but we want to look for which eligible renewable technologies because we want to see, hey, is wind eligible here, right?

You just have to read through this list. Another trick you can do is Ctrl F, which is Find and you can type in wind and see if it pops up. We like to do that trick here as well when we're working on this.

The applicable sectors; it's only available - this grant is only available to non-profit schools and local governments. So if you're looking for grants for residential installation or business installation, you can say, okay, whoops, not eligible and move on.

The one thing I would like to point out though, because sometimes non-profit eligibility is difficult to determine, especially for utility programs, it's always good to know, for example, if what rate your non-profit is paying. So if they're paying, for example, a business rate and they, you know, get the same utility rate as other businesses in your community for the purposes of the incentive, they may in fact be treated as a business. So that's a little bit of a tricky detail that usually has to be verified with the utility and that's not always something we can address in the record.

So again, these are the detailed fields. Another couple other things to note; the amount - and I'll use another example because it's one of the goods and it doesn't give any specifics - but the amount we usually actually write the amount of the incentives. So if it's a rebate, it'll be \$1 per kilowatt or if it's a production-based incentive, it'll be \$1 per kilowatt hour.

The maximum incentive again, we trying to include what is the maximum you could get if, you know, you qualify in all categories; program administrator, the start date, if there's an end date we try to include that. The Web site, this will take you directly to the incentive. So where you would make the application is on the Web site of the program itself.

And then the authority; this is for folks who want to know how did this program get authorized, you know, was there legislation ,was there a regulatory program. That's the sort of information here.

And then finally I just want to highlight there's a summary section that gives lots of information about the incentive, a little bit of history, maybe more about eligibility, more about when the funding guidelines are, when the program deadlines are.

And then finally we do include contacts in many of our records. So you - if the contact is available, they will, you know, their - they allow us to put their names on here because they are able to field questions directly for folks. So those are the three main sections of the record; well, the details, the summary and the contact information.

I'm going to go back now - okay. I guess that's what I wanted to point out on here. The other one, I guess - well, we can go through them all. The property tax incentives, if you're interested in looking at property tax incentives,



they're here; sales tax, state bond program, grant program, rebate program. This one, maybe you were looking particularly for the rebate program one, here it is, solar and wind energy rebate program.

Again, you can click on it and just find out the details. In this case we - the amount is given but we also have a note that the funding has been fully allocated. So you might want to read on to see - if you really wanted this rebate, read on to see if there was a wait list or if you can apply for next year's funding, that sort of thing.

The maximum incentive here is \$50,000. I also want to emphasize that people sometimes get confused. They think, oh, I will get \$50,000. No, that's the maximum if you meet all of the requirements and that would be the maximum you would possibly get.

Okay, so the layout of this, the financial incentives are all on top and then you scroll down and you can get to the rules and regulations and policies section. Again, I think for most people they're going to be - for small wind situations, they're going to be interested in the net metering rules, statewide rules or the inner connection standards. The other rules, regulations and policies are obviously important but maybe not necessarily to your end user to your client.

And then finally on every page we have related programs and initiatives. And sometimes people who are maybe searching for something else that we don't include in DSIRE, we link to these places so that they can get there easily, you know, especially the alternate fuels and advance (unintelligible) data center. Sometimes people want information on bio fuels and we don't include that, so they can go here.

And you also see we have a link to the Wind Powering America. So this will come up on every single search or when you go directly on the state page, I should say.

All right, that was the first option, just go to the state and scroll through and see what you come up with. The benefits to doing that is that you decide which incentives are applicable to your situation, I guess, you have control of that.

The negative side is that there's more reading, I mean, even my little demo here, people are probably, like, oh, my gosh, going through these so quickly or trying to highlight, you know, things that maybe would take me longer to read. Yeah, there's more reading when you go directly to the state and just kind of peruse through what's there.

The second option is the search option. And it's over here to the left hand side of your screen under Search, under the Resources. You can go to the Search option. We're going to use the Illinois option again, just so you can see - you saw how many incentives we got before about, you know, 14 financial and 8 regulatory. Now with the search, we'll see how many we get if we know exactly what we're searching for.

So you can search an eligible sector. If you know who your client is, you can select them here. Otherwise, I just tend to use All. The state will go back to Illinois. You can't select multiple states unfortunately, you can only select one state at a time. So I guess that would be a con using the search.

Technology; go down, there's all kinds of technologies here. And again, you see these are just the renewable technologies because we're still in the renewable database, not the efficiency database. You can go down to Wind

All or Wind Residential, these are nice features. If you want to look for only small wind incentives, you can do residential.

But then if you're looking for something specifically for commercial, then that limits what comes up. So I would recommend using the search for Wind and All.

All right, finally the implementing sector. This isn't as important, I don't think, for most users because you don't know who implements the incentive. This is a little bit more for people who have more experience with the incentives and are looking for something specific. So the implementing sector, I would recommend leaving that as All so that you get any incentive that is applicable to wind and Illinois, regardless of who's administering it.

And then the incentive policy type, again, all the financial and all the regulatory policies are in here. So you can look for only rebate programs, for example, so we can do that right now. So take a look, see what we get; there's one that comes up. And that is correct, I know that's correct so maybe you only care about the rebate program and that's all you want to find. So that's one easy way to find it instead of looking through that big list that we got when we clicked directly on Illinois.

All right, let's not look for just rebate, let's do All and see what happens. Okay, so even though we had All, there is - it looks a little bit different than it did on the last time when we went directly to the state. And this is because the federal incentives are coming up. So these are federal incentives that are applicable to all wind. So some people may find this handy, other people may find this not as handy. So that would be up to you to decide if you like the Search function or just going to the state page directly.

And again, those are highlighted with a little bit of red and then here's the other incentives that are applicable to the situation in Illinois. I'll try one more iteration of this Search function. We'll do wind residential and see - and I haven't changed anything else, this is wind residential and see what else happens.

Okay, there you go, that's a much smaller list than the last time. Why? One, because a lot of those federal incentives that I mentioned before are only applicable to commercial installations. So those don't show up anymore, they don't, you know, if you're looking for only residential, then this definitely helps narrow the field and helps users understand what is actually available to their situation.

Okay, last but not least; if you select too many criteria, you know, okay, I want only local and I want net metering, you know, you - too many criteria are going to limit the search and you might not find anything. So just be cautious to that. I guess that would be the downfall to using this search, is you might choose too many criteria and not get any results whatsoever.

But I think the benefit is pretty big; you only get the incentives for which you're, you know, setting the criteria. And if you know what you're looking for, then either way could help you. If you're looking for the rebate program, then just do rebate. So there's kind of pros and cons to both.

I think we can take a break right now. I'm going to stay on the Web site but if there are questions about the search or about how to get to incentives, I can take those questions now.

Coordinator: Once again, if you do have a question at this time, please press star then 1. One moment, please. Press star then 1 for your question; we're still waiting

for a question. One moment. It comes from (Mike Hoffman), your line is open. Please ask your question.

(Mike Hoffman): Thank you. I was wondering if you can use the search function across all the states for, say, if, for example, bio mass incentives at the state level?

Amanda Vanega: Sure. So we can leave the state and territory on All and then we can look for bio mass and then Search and then there you go.

(Mike Hoffman): Thank you.

Amanda Vanega: Sure, that was an easy question, thanks. Great.

Coordinator: Our next question comes from (Steve Stoney), your line is open.

(Steve Stoney): Thank you. I'm from Nevada, we would interest in comparing the size of our program in Nevada with all the states in terms of wind, let's say, residential. Is there a convenient search function here?

Amanda Vanega: For comparing what you offer in Nevada to other states?

(Steve Stoney): Yeah, let's say the capacity - overall capacity of each state program compared to our Nevada program.

Amanda Vanega: Are you speaking specifically about the rebate?

(Steve Stoney): Yes.

Amanda Vanega: Okay. So I would suggest in this case to go ahead and select All, select the technology - and I'm going to say small wind or wind residential. And then I

would say the incentive policy type, you want to go back and select - where did it go - rebate programs and now you can search these. And in this case, I would say possibly seeing all summaries would probably be what you want.

And again, well, these are including utility incentives, so you just wanted the state rebate, right?

(Steve Stoney): No, the utility incentives is what we'd like to compare.

Amanda Vanega: Okay, so you would like to compare utility incentives. You can actually limit it to just utility incentives.

(Steve Stoney): Okay.

Amanda Vanega: And then go ahead and click and search and there's all the utilities that have incentives for small wind, residential wind. And then you can do See All Summaries and go from there.

(Steve Stoney): Sure.

Amanda Vanega: And again, in the Details section, that's where you might be able to find your information most quickly, the maximum incentive. In this case, this is showing what the maximum incentive is for small wind but here's the amount. And the residential - where is it - I can't even see it here. Move on, I'm going to do the Ctrl F to find - okay, that information was not in the Details section but it's in here. So here is the incentive for this particular utility, \$2 per watt up to 50% or \$75,000. -So that's pretty big. Where is this - Arizona.

So anyway, this one was just updated a few days ago as well.

(Steve Stoney): Sure.

Amanda Vanega: That's just an example for you.

(Steve Stoney): Great, thank you very much.

Coordinator: We do have another question; however, they may have had their mute button on and no name was recorded. I'll open the line. If you did queue up for a question, your line is now open. Please check your mute button.

(Heather): That was probably me. Can you hear me? This is (Heather).

Coordinator: Yes, (Heather).

Amanda Vanega: Hi, (Heather).

(Heather): Hey. I was just wondering, Amanda, just to piggyback on that last question. Is there a way for people to do an export out of the database or I know there's an RSS feed option. But just to kind of have that information in more of a tabular format? And then somewhat related to that, Amanda, if you could just give a really quick explanation of the project that we're working on together, that would help people kind of look at some of the best practices and how we're doing that analysis.

Amanda Vanega: Actually, if we could - can we save that on to the end, Heather, the second point?

(Heather): But I wasn't sure how long the call is going to last, so...

Amanda Vanega: Okay, yeah. Well, we'll bring that up. The call is through 4:00 and actually after the demo - I just have, like, one or two more things and news and trends is one of the things and we can bring it up then. So thank you for that.

Regarding exporting your results, no, we don't currently have that option. And the RSS feeds, because those take some - a little bit of IT work on our side, currently we're having to charge for that. It's not a free service that we can incorporate at this time. So there is that option if folks wanted to pay for an RSS update. But there's no option for exporting this particular information right now.

And that kind of brings a good lead in. You may have noticed this DSIRE Solar button. And what you just asked for downloading the tabular format, that is available for certain incentives for solar. But we haven't been able to develop that for small wind up to this time. But I can show you what it looks like on solar because some of the people are both solar and small wind folks that this might be handy for them.

(Heather): Yeah, now that would be really neat. And also, just for, you know, as an example, I know Southwest Wind Power has an RSS feed onto their Web site for incentives but their technology is eligible for it. So you know, I think they pay DSIRE a little bit, like a subscription fee for that, is that right?

Amanda Vanega: Exactly, they do. And again, because it requires some work that we're not funded to do from the IT point of view, that - we charge some companies for that. But yes, that actually is just to get IT-techy on us. That's not an RSS feed that they have, they actually display DSIRE within their Web site and it's called an iFrame format, so it's a little bit techy. But it - that is available, if folks were interested in learning more they could email me after the call. But it's not something we can offer at this time publically so - or I guess for free.



On the DSIRE solar, I just want to bring up the policy comparison tables - this is what (Heather) was mentioning, you know, does this exist for wind? The answer is no but it does exist for solar. So you can download - and this is in real time, this is updated continually. And you can download the rebates for solar PD projects or rebates for solar water heating projects. You can also download it for the state tax credits.

And the details you're going to get on this are solar specific. So this won't help you for small wind. But if you are also doing solar, this could be a nice comparison table for that purpose. Should I go ahead and download this for folks? I don't know if that would - something's up - let's give it a shot. Okay, we'll open it with Excel. And then it always asks you, are you sure you want to open this? You can say Yes.

And then here we go, this is it in tabular format. It basically addresses the - (Heather)'s question and then also (Steve) about the Nevada rebate. This allows you to compare side by side what the incentives are, who's eligible, the maximum incentive, REC ownership - which are the renewable energy credits, the eligible system size, funding source, etcetera. Budget, expiration date, I mean, there's a ton of information in here.

And it allows folks to compare state by state what's out there. And these are just the state programs, this doesn't include utility programs. But again, this is really handy for state program administrators who want to see how they compare to other states, for example, or for developers who want to see who's giving, you know, big support to solar or not.

I will go ahead and shut this down now. Does anybody have a question about this before I close it?

Karin Sinclair: So this is Karin. I'm just curious, do we have something in the hopper to do the same things for at least small wind or is that a funding issue?

Amanda Vanega: Not currently, we can talk about that though. I think it's doable, it's just a matter of getting it funded and how we, you know, what criteria would be included and, you know, this particular download is in a specific portion of DSIRE, it's in DSIRE Solar and we don't have a specific DSIRE Wind. But you know, there's opportunities and chances that we could potentially work to design - to develop something.

Karin Sinclair: All right, thank you.

Amanda Vanega: In an offline call.

Coordinator: If you do have a question at this time, please press star then 1. One moment while we pause to see if there are any questions.

Amanda Vanega: I'm going to go ahead and close this out while we're - okay, I'll go back to the DSIRE page, home page.

Coordinator: There are not questions ma'am.

Amanda Vanega: Okay, great, thank you. I'm just going to go quickly now to highlight a couple other things that are in here. So I just showed you the DSIRE Solar portion of the Web site. Just like you have the opportunity to select, do you want renewable energy or do you want energy efficiency, you can also go do directly just solar. And from in here, you can select, okay, I'm only interested in solar and thermal.

And then whatever you find within the database is only going to be related to solar thermal or solar electric. So this is a solar-specific sort of subset of DSIRE, which we currently don't have for wind, as we just discussed.

Back to the home page, a couple of other things, we have some more resources over here, there's a summary map, summary table - I'll click on that very quickly. These are the different maps that we offer, kind of like the maps we showed in the presentation. The net metering map, for example, came exactly off of this Web site. The small wind cash incentive map that I showed is not part of our summary map. That's something I developed, you know, just updated for this Webinar.

And potentially if folks would be interested, we might be able to include that as an updated map on our tally here as well. Summary table; this is just another way to get to the incentives, it's a little bit more convoluted but it's good for some people in some circumstances. Personally, I just like to go to the state and see what's available but some people it's nice to see things in this format.

Again, you can just click on the incentive. So here's the key right here; financial incentives, renewable energy - this would be a federal incentive, state utility, local and non-profit. So you can go to the state of interest or you can go to the incentive of interest and then, you know, drill down from there. Let's say you only care about rebates and you only care about rebates from local government. So you can go directly to those here in California from this page and it gives you information on local rebate programs, for example? So this is a handy feature in some circumstances.

And the last thing I want to show you is the What's New feature. This is where you have to make sure you're selecting only renewable energy or else

you'll get everything. So what's new? New incentives and policies added during the last two months.

You can come here and find out what's new in the last two months, anyway. And this is relating to all renewable energy. And so again, this may be of interest for folks who are pretty on top of what's happening but maybe just want to know what's been happening recently because you can see the list isn't so awfully long but there's quite a bit of stuff that's happened in the last two months and newer updated. So it may be a program that's been around for a long time but it may mean that we located it.

And sometimes an update means we've reviewed it and there's been nothing changed or we reviewed it and it's been a big change and we've made a bunch of changes to the record. So just keep in mind for update doesn't always mean significantly changed, it just means that it's been reviewed according to our procedures and it has been technically updated, even if nothing's changed.

And that is it for my demo. I'm going to try to get back to the presentation here. I don't - here - remember, okay. Go back to the presentation - all right, okay. Back to questions; so if there's any more questions, I'd be happy to take those now.

Coordinator: Please press star then 1 if you have a question at this time. One moment please. We're waiting to see if there are any questions at this time. And I show no questions.

Amanda Vanega: All right. So to finish things up - and I didn't include all of the news because as (Heather) pointed out, we could also talk about the power and the policy project and I'm going to include that as well. Some of the trends and news, first of all, the small wind certification council - this is news - is up and

running now. And they will be certifying the equipment for small wind. And that is brand new this year and they've been waiting on some standards that have been under development and those standards are now finalized and so they're now able to start the certification process.

I believe that no one has been certified yet - and correct me if I'm wrong, Karin or others on the call - but if the process is started and they're working on it and starting to work through applications. Karin, do you have any additional information on the Small Wind Certification Council?

Karin Sinclair: No, I don't.

Amanda Vanega: Okay, I did notice that as Karin mentioned at the beginning that we're going to be having another Webinar on the Small Wind Certification Council in a couple of months. So if you have information about that, that'll be available. I also wanted to mention that NABCEP, which is the - now I'm going to forget the acronym - hold on, I've written it down. Karin, help me out here.

Karin Sinclair: Sorry, I was on mute. It's North American Board of Certified Energy Practitioners.

Amanda Vanega: Thank you.

Karin Sinclair: Sorry.

Amanda Vanega: No problem. So they already have certification for solar and they are developing and it's currently happening right now, small wind certification and this is for installers. So the resource guide is forthcoming and they're estimating that the first test will be available in September of 2010, although the official announcement has not been made yet.

So this is a really good opportunity for folks to, you know, show their stuff, show what they know when it comes to small wind installation and small wind industry.

I also wanted to highlight in general - so the next highlights are about friends within the policy or within the incentive world. And one thing I wanted to highlight and I kind of alluded to this earlier is that production-based incentives are really gaining some ground. Just within rebates, rebates are being designed so that it's not just based on capacity, that it's based on actual production or not necessarily actual production. In some cases, the rebates are designed on projected production.

And I think that a little bit of turning toward production-based incentives is to reward good installations and to reward the production. So this is important for installers and for the industry. You know, a lot of times when you talk about small wind, you hear over and over and over again - and it's true - about sighting matters, micro sighting issues with small wind are huge.

And so the rebate administrators who are, I guess, rewarding the sighting really with production-based incentives. So those seem to be gaining more ground over the last few years. And Arkansas, you know, with a brand new rebate is one example of that's how they designed it. So they've seen the value in production based incentives.

I also want to mention property-assessed clean energy financing. I don't know if this has as much within the small wind community but this is certainly getting lots and lots and lots of attention in the solar community and with efficiency. Basically in a nutshell, properties have clean energy financing is a municipality passes an ordinance in which homeowners can borrow money

and then install renewable energy systems and/or energy efficiency upgrades to their property.

And then the payment is collected via the property tax collection basically. It's not a tax - it's not a property tax, it's like a lien on the property and they pay it back monthly. And the programs that are being developed are very widely different in how it's being implemented. But that's sort of the gist of what the program is.

And again this is getting a lot of attention in the efficiency world and in solar. I think it's a little bit less of an issue with small wind because the municipalities that are really looking at this hard tend to be very urban municipalities. And you know, small wind, although it's catching on more and more in diverse communities, it's still, you know, very much a rule technology and in urban areas there's more restrictions as far as sighting and, you know, houses and trees and etcetera and etcetera.

And so I think that's maybe why small wind and paid financing haven't really - or there's not as much discussion about paid financing within the small community. But be aware, this is a hot issue in the solar community and the energy efficiency community as far as, you know, getting more installations and rolling renewable energy out, you know, nationwide. This is a hot topic.

I want to also point out that net metering and interconnection. And I mentioned this earlier but they're mostly improving. People are working hard on these issues, there's a lot of organizations that focus on this. And (IREC) is one of those organizations, just to throw out their name. We work closely with them and they work hard on varying their connection and basically, you know, getting the standards so that folks know what to expect in that net metering and interconnection are a - not a barrier to renewable energy deployment.

That said, I say mostly improving because sometimes there's some setbacks or just this week, in fact, that Maryland has passed a law that might - it's good on several aspects but it might actually be a little bit of a negative for small wind because it tends to reward sort of peak production, which, you know, maybe be noon time in the middle of the summer, which may be, at least in Maryland, when the wind isn't as strong.

So it remains to be seen exactly how that policy will or could potentially impact net metering customers. But it might end up being not in advancement on their net metering (unintelligible) potentially. It remains to be seen.

And then also I just want to point out that renewable portfolio standards are evolving. Again, usually - as related to small wind, I mean, renewable energy proposed standards don't necessarily result in, you know, a whole bunch of small wind installations. Renewable portfolio standards have been cited as definitely a major driver for large scale, you know, winds.

But I recently come to realize - and I think I heard this from a wind developer - that, you know, in states that have renewable portfolio standards, the utilities and the sort of community at whole are more open to wind and small wind policies seem to, you know, also favor installations. So it's - they seem to go hand in hand, sort of a synergistic thing.

So while renewable portfolio standards don't directly incentivize small wind, you know, sometimes there's some benefits that come out of it. A couple of things that have started to happen though is, especially I'd like to point out Colorado, you know, they've just changed their renewable portfolio standard to include distribution - distributed generation carve outs. So a lot of states have solar carve outs, meaning they require a certain percentage of the



portfolio standard to have solar. And now some states are looking at well, wait, maybe we should, you know, say distributed generation in general and not just limit it to solar. So that might be an opportunity for small wind as well.

And (Heather) also brought up - and (Heather), I would invite you to unmute yourself because you could speak more fluently on the Power through Policy Project. Are you there?

Coordinator: One moment, I'll unmute (Heather)'s line.

Amanda Vanega: That'll be great.

(Heather): All right, can you hear me now?

Amanda Vanega: Hi.

(Heather): Can you hear me?

Amanda Vanega: You hear me?

Coordinator: Yes, (Heather), we can hear you.

(Heather): Hi, well, this is a project that's just gotten underway, a two-year project with some DOE funding. And we are going to be looking at incentives kind of from the other direction of what are the best practices, how to drive down the cost of energy for small wind, distributed wind and have a Web-based tool that users can come in and kind of see what would - the current incentives that would help the most in different areas, like which states have the best policies

but also if you were to want to change your policies, what would have the most impact.

So you know, whether it's having a rebate to your state or improving the net metering policy in some way. And you can actually look at the financial impact of each policy. So it's, like I said, the project is just getting underway and hopefully we'll have more results to show in about in a year, then maybe one of these Webinars next spring we could do for the group. Did you want to add anything to that, Amanda?

Amanda Vanega: No, I was just going to say right now we are developing the model. And what we've been focusing on again are the incentives and which ones to include and which ones are duplicative and not including. Because we're intuitive, like, which incentives matter and I sort of highlighted that at the beginning, like, which ones matter to an end user. But from a policy point of view, you know, some of these incentives or policies matter in more of a guess larger picture and do impact the cost of energy.

So we are trying to just incorporate all of the incentives and see what I guess tinkering and changing would do, sort of a sensitivity analysis. But like that sensitivity analysis, we want user to be able to do that analysis for themselves. So if they say, okay, what if I do this net metering, what will happen to the cost of energy.

So we are still looking at which incentives to include. I mean, we want to include as many as possible, but that's what we're evaluating right now.

(Heather): And if Trudy is on the line, you're certainly welcome to add anything about the project, she's involved as well. And I think it's just a good way of looking

at where there's big policy gaps and how to sort of drive the public funding for small wind into programs that are the most effective.

Coordinator: Trudy, if you would like to respond, can you please press star 0 and I'll open your line.

Karin Sinclair: I don't think Trudy's on the call today.

Coordinator: And I have no response so I don't think she is either.

Amanda Vanega: Okay, well great and thank you very much, (Heather), for your input there, I appreciate it. And I regret that I didn't include that on the slide, that was, you know, a failure on my part so I regret that.

(Heather): It's a future thing so it's not available yet, obviously.

Amanda Vanega: Okay.

Karin Sinclair: Well, that's great, we'll put that on our list for maybe next year's Webinars.

Amanda Vanega: Yes, definitely. Okay, that is it for the presentation. I want to say thank you, thanks to Karin and Arielle for helping to organize this Webinar, thanks to the Small Wind Division of ASES for the opportunity and thank you very much to all the participants who joined us today. So live demo is kind of, you know, you never know with live demos but I appreciate your patience on places where I stumbled. And thank you very much, there's my contact information. For more, you know, specific questions, feel free to contact me.

And we were hoping on some of the specific questions or questions that maybe we didn't get to today, although I think we did, that we would include

those as part of the record of this Webinar so that others might have just similar questions and they could refer to those at another time.

If you have a question from (Heather). (Heather), your line is open.

(Heather): Since we have a minute, I wanted to make one more comment. For the folks that are on this meeting today, if you do have suggestions on how the tool we're developing could be most useful to you, we'd like to hear about that. And then these other ideas that were talked about today I think I'd like, Amanda, to follow up and help you maybe seek some funding to add those features for small wind to make it -- to make DSIRE even more useful for this sector. So you know, maybe you and Karin and I can brainstorm someways that we could build those other features on the DSIRE.

Amanda Vanega: Great.

Karin Sinclair: Yeah, that would be great.

Amanda Vanega: Fantastic.

Karin Sinclair: If there are no further questions, I think this was a great Webinar, really appreciate your effort, Amanda, in pulling this together for us. And...

Amanda Vanega: Thank you.

Karin Sinclair: I'm sorry?

Amanda Vanega: I said, thank you, I really...

Karin Sinclair: I'm asking the operator, are there any more questions?

Coordinator: You do have a question from (Sarah). Her line is open.

Karin Sinclair: Okay.

(Sarah): Hello, I got cut off halfway through as far as the visual part of the presentation so I've been listening.

Amanda Vanega: I'm sorry.

(Sarah): I couldn't see your contact information.

Amanda Vanega: Okay, my - I can verbalize it. It's my name, Amanda\_vanega@ncsu.edu.

(Sarah): All righty.

Amanda Vanega: And also, you can also use the feature on DSIRE that says contact...

(Sarah): Okay.

Amanda Vanega: And it's - it goes through a general email but if you just said in your email, this message is for Amanda, it will get to me for sure.

(Sarah): Okay.

Amanda Vanega: Don't go into just some, you know, black hole somewhere. We actually deal with them and respond.

(Sarah): Very good.

Amanda Vanega: So feel free to use that as well.

(Sarah): Very good, thank you.

Amanda Vanega: Sure.

(Sarah): Okay, bye.

Coordinator: And I show no further questions at this time.

Karin Sinclair: All righty then, I guess we will end this Webinar. Again, I really appreciate everybody participating and we had a pretty good turnout so hopefully this was of value to a whole bunch of people. Thank you.

Amanda Vanega: All right, thanks.

Coordinator: This concludes today's conference. Thank you for joining. You may disconnect at this time.

END